

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/013392

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A01N43/36 B27K3/40 B27K3/50 C14C9/00 C02F1/50
 // (A01N43/36, 55:10, 51:00, 47:38, 47:02, 43:653)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A01N B27K C14C C02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97/22254 A (NOVARTIS AG; ELMSHEUSER, HANS) 26 June 1997 (1997-06-26) page 2, lines 2,3 page 12, paragraph 1 page 16, paragraph 2 page 19, paragraph 2 – page 20, paragraph 2 ----	1-34
X	WO 00/28825 A (NOVARTIS AG; NOVARTIS-ERFINDUNGEN VERWALTUNGSGESELLSCHAFT MBH; SCHNEID) 25 May 2000 (2000-05-25) page 1, paragraph 1 page 2, paragraph 2 page 5, paragraph 1-4 page 6, paragraph 3 – page 7, paragraph 4 page 9, paragraph 2-4 page 15, paragraphs 3,4; examples B1-B3 ----	1-20, 25-34



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

° Special categories of cited documents :

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Date of the actual completion of the international search

Date of mailing of the international search report

6 April 2005

14/04/2005

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PCT/EP2004/013392

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/56386 A (AVECIA INC; AVECIA LIMITED; UNHOCH, MICHAEL; VORE, ROY) 9 August 2001 (2001-08-09) page 3, line 34 – page 4, line 9 page 10, lines 13-35 page 11, lines 3-14 table B page 26; table D -----	1,6-8
X	DATABASE WPI Section Ch, Week 200341 Derwent Publications Ltd., London, GB; Class A97, AN 2003-432992 XP002323339 & JP 2002 326207 A (SDS BIOTECH CORP) 12 November 2002 (2002-11-12) cited in the application abstract -----	1,6-8, 21-24
Y	EP 0 555 186 A (SANDOZ LTD; SANDOZ ERFINDUNGEN VERWALTUNGS GESELLSCHAFT M.B.H; NOVARTIS) 11 August 1993 (1993-08-11) page 3, lines 1-40 page 6, lines 20-26 -----	2-20, 25-34
Y	EP 0 487 451 A (CIBA-GEIGY AG) 27 May 1992 (1992-05-27) cited in the application page 2, lines 1-30 page 3, lines 12-39 -----	2,3, 5-12, 14-20, 25,26, 28-34
Y	WO 98/57543 A (NOVARTIS AG; NOVARTIS-ERFINDUNGEN VERWALTUNGS GESELLSCHAFT MBH; MUELLER) 23 December 1998 (1998-12-23) cited in the application page 1, paragraph 1-4 page 2, paragraphs 3,4 -----	2,3, 5-12, 14-20, 25,26, 28-34
Y	EP 1 025 967 A (LONZA AG) 9 August 2000 (2000-08-09) cited in the application paragraphs '0010! – '0012! -----	4,13,27

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/013392

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 9722254	A	26-06-1997	CH AU CA WO EP ZA	690561 A5 1191897 A 2240738 A1 9722254 A1 0883345 A1 9610577 A	31-10-2000 14-07-1997 26-06-1997 26-06-1997 16-12-1998 18-06-1997
WO 0028825	A	25-05-2000	AT AU AU BR CA CN DE DE DK WO EP ES MX TR ZA	231686 T 766142 B2 1651600 A 9915398 A 2349231 A1 1326319 A 69905192 D1 69905192 T2 1130968 T3 0028825 A1 1130968 A1 2192094 T3 PA01004928 A 200101383 T2 200103794 A	15-02-2003 09-10-2003 05-06-2000 07-08-2001 25-05-2000 12-12-2001 06-03-2003 21-08-2003 26-05-2003 25-05-2000 12-09-2001 16-09-2003 10-03-2003 22-10-2001 10-05-2002
WO 0156386	A	09-08-2001	US AU WO	2001046946 A1 3200301 A 0156386 A2	29-11-2001 14-08-2001 09-08-2001
JP 2002326207	A	12-11-2002	NONE		
EP 0555186	A	11-08-1993	AT AU AU CA CH DE DK EP ES FR GB GR IT JP JP MX NZ US ZA	159885 T 665800 B2 3282793 A 2088692 A1 686333 A5 4301885 A1 555186 T3 0555186 A1 2108250 T3 2687543 A1 2263868 A , B 3025506 T3 1261173 B 2766840 B2 5255016 A 9300615 A1 245833 A 5874456 A 9300820 A	15-11-1997 18-01-1996 12-08-1993 06-08-1993 15-03-1996 09-06-1994 02-02-1998 11-08-1993 16-12-1997 27-08-1993 11-08-1993 27-02-1998 09-05-1996 18-06-1998 05-10-1993 01-09-1993 26-09-1995 23-02-1999 05-08-1994
EP 0487451	A	27-05-1992	AT AU AU BG BR CA CS DE DK	136424 T 639841 B2 8790691 A 60133 A3 9104960 A 2055529 A1 9103468 A3 59107663 D1 487451 T3	15-04-1996 05-08-1993 21-05-1992 15-11-1993 23-06-1992 17-05-1992 17-06-1992 15-05-1996 06-05-1996

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/013392

Patent document cited in search report	Publication date	Patent family member(s)		Publication date	
EP 0487451	A	EE	2990 B1	16-06-1997	
		EP	0487451 A1	27-05-1992	
		ES	2085455 T3	01-06-1996	
		FI	915362 A	17-05-1992	
		GR	3019631 T3	31-07-1996	
		HR	950140 A1	31-12-1996	
		HU	59281 A2	28-05-1992	
		IE	913990 A1	20-05-1992	
		IL	100051 A	18-06-1996	
		JP	2646164 B2	25-08-1997	
		JP	4266804 A	22-09-1992	
		LT	1504 A ,B	26-06-1995	
		LV	10993 A	20-02-1996	
		LV	10993 B	20-06-1996	
		MD	277 B1	30-09-1995	
		MX	9102062 A1	08-07-1992	
		NO	914475 A ,B,	18-05-1992	
		NZ	240599 A	27-01-1993	
		PL	292418 A1	28-12-1992	
		PT	99517 A ,B	30-09-1992	
		SG	46991 A1	20-03-1998	
		SI	9111853 A	30-06-1998	
		RU	2040899 C1	09-08-1995	
		US	5250556 A	05-10-1993	
		ZA	9109052 A	29-07-1992	
WO 9857543	A	23-12-1998	AT	231685 T	15-02-2003
			AU	8626598 A	04-01-1999
			BG	64028 B1	28-11-2003
			DE	69811076 D1	06-03-2003
			DE	69811076 T2	02-10-2003
			DK	993247 T3	26-05-2003
			EE	9900577 A	15-08-2000
			WO	9857543 A1	23-12-1998
			EP	0993247 A1	19-04-2000
			ES	2191953 T3	16-09-2003
			HU	0003063 A2	29-01-2001
			PL	336927 A1	17-07-2000
			RU	2202185 C2	20-04-2003
			SI	993247 T1	30-06-2003
			SK	176599 A3	12-06-2000
			ZA	9805181 A	17-12-1998
EP 1025967	A	09-08-2000	EP	1025967 A1	09-08-2000